

Gulf of Mexico Harmful Algal Bloom Bulletin

5 June 2006

NOAA Ocean Service

NOAA Satellites and Information Service

Last bulletin: May 30, 2006

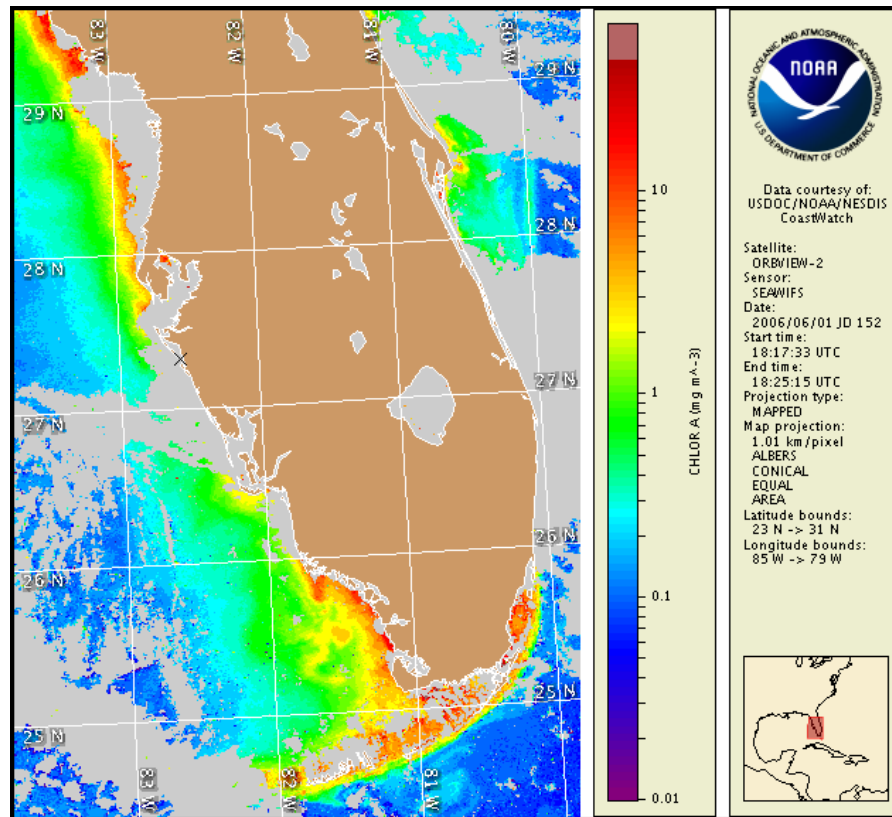
Conditions Report

No impacts are expected in any Florida counties this week. Due to current harmful algal bloom inactivity, bulletins are issued each Monday, until conditions warrant continuance of twice weekly bulletins.

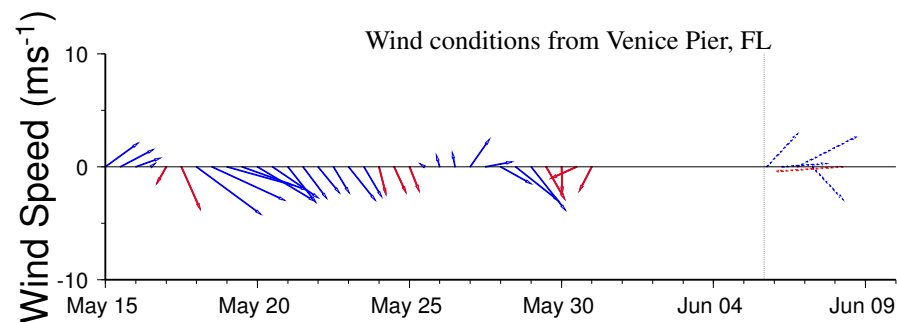
Analysis

There is no indication of harmful algal blooms currently in southwest Florida. *Karenia brevis* wasn't present in any recent samples, although non-harmful species were present. A high chlorophyll feature persists south of Cape Romano. It's centered at 25°32'N, 81°33'W, with chlorophyll levels at about 3 µg/L on June 1. There are no current indications that this feature is a harmful algal bloom.

Bronder, Vincent



Satellite chlorophyll image with possible HAB areas shown by red polygon(s). Cell concentration sampling data from May 26 shown as red squares (high), red triangles (medium), red diamonds (low b), red circles (low a), orange circles (very low b), yellow circles (very low a), green circles (present), and black "X" (not present).

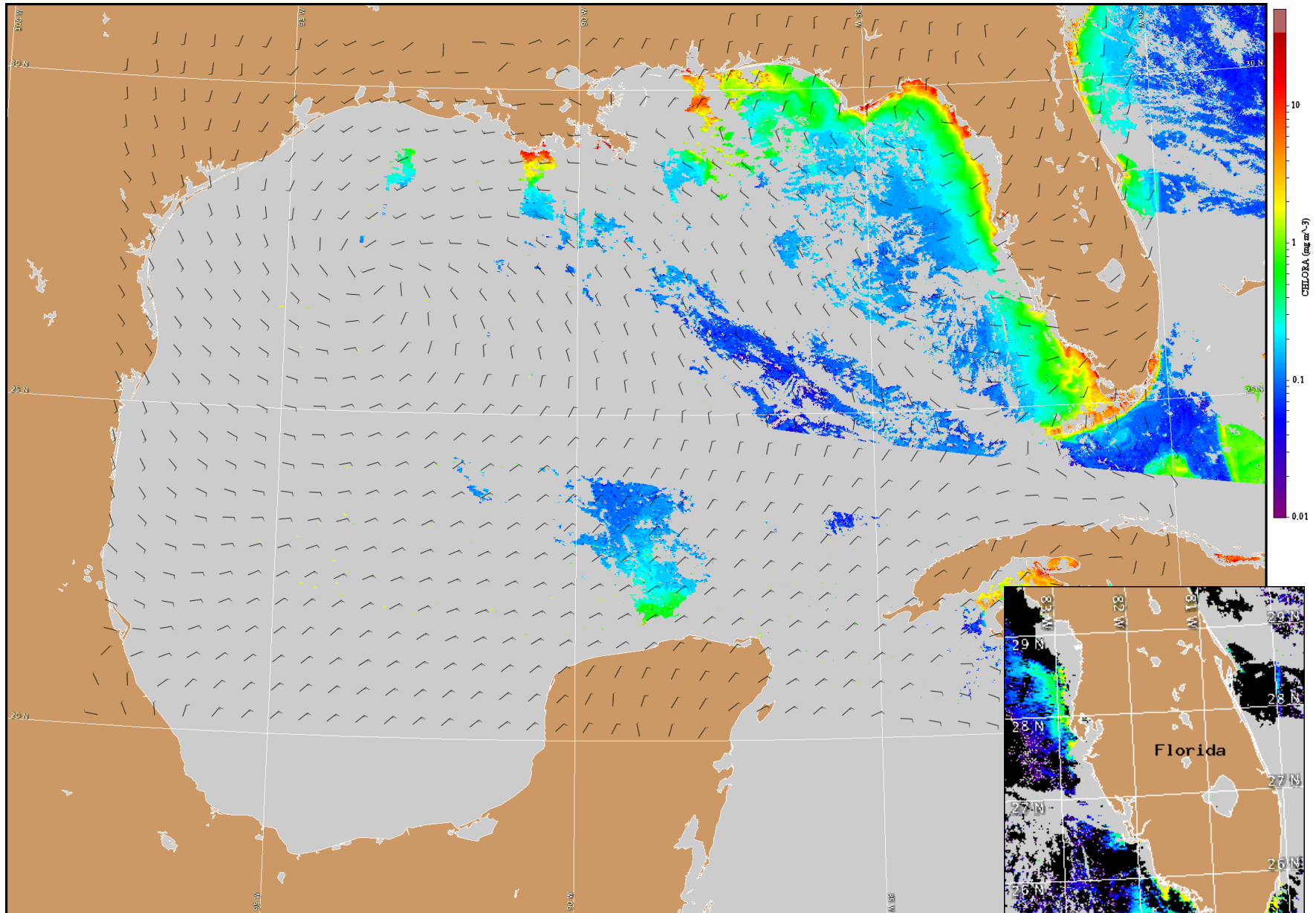


Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts.

SW Florida: Winds are forecasted to be west (10 kts, 5 m/s) today becoming northwest by late afternoon, northwest tomorrow, variable (5 kts, 3 m/s) Wednesday becoming west by late afternoon, east (10 kts, 5 m/s) becoming west in the afternoon on Thursday and Friday.

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1. Data are restricted to civil marine applications only; i.e. federal, state, and local government use/distribution is permitted.
2. Image products may be published in newspapers. Any other publishing arrangements must receive OrbImage approval via the CoastWatch Program.



Satellite chlorophyll image and forecast winds for June 6, 2006 06Z with cell concentration sampling data from May 26 shown as red squares (high), red triangles (medium), red diamonds (low b), red circles (low a), orange circles (very low b), yellow circles (very low a), green circles (present), and black "X" (not present).

Verified HAB areas shown in red. Other bloom areas shown in yellow (see p. 1 analysis for interpretation).